

特許協力条約に基づいて公開された国際出願

(54)Title: CONDITIONAL VECTOR OPERATION METHOD AND DEVICE THEREOF

(54)発明の名称 条件付きベクトル演算方法および条件付きベクトル演算装置

(a)

(b)

20 ... OPERATION JUDGING MEANS  
10 ... OPERATION MEANS  
30 ... OPERATION CONTROLLING MEANS  
101 ... MEMORY  
102 ... MEMORY  
103 ... REGISTER  
104 ... REGISTER  
A ... CONTROLLING MEANS  
105 ... PIPELINE REGISTER  
106 ... MEMORY  
107 ... MEMORY  
108 ... MEMORY  
109 ... CONDITION JUDGING MEANS  
110 ... ALU  
111 ... MEMORY  
112 ... MEMORY  
113 ... MEMORY  
114 ... MEMORY  
115 ... MEMORY  
116 ... MEMORY  
117 ... MEMORY  
118 ... MEMORY  
119 ... MEMORY  
120 ... STATUS FLAG RETENTION MEANS

(57) Abstract

A status flag detection means (150) judges whether or not to operated on a first source data from memory (101) and retains the judged result as a status flag, and a condition judging means (109) judges whether or not the status flag satisfies a condition for permitting an operation. A controlling means (110) controls whether or not an ALU (100) should perform an operation based on this condition satisfied/unsatisfied information.